

## ABSTRACT OF THE INVENTION

[0043] A system for detecting presence, identifying, and detecting directional movement of an object or personnel is directional movement installed at points of access for vehicle, object, or personnel tracking. The system has at least a pair of IR heat and/or motion-sensing detectors installed on a scanner panel with a space approximately 2 feet apart from each other for transmitting and receiving optical beams across the point of access. An RFID reader with an antenna is incorporated within the scanner panel. When an object passes through the point of access, the panel scanner is capable of detecting which direction the object traveled. The scanner panel also has the ability to distinguish whether the object is a human or an object. This functionality is dependent on the triggering of heat and or motion sensors/detectors, which can authenticate the objects and/or personnel carrying an RFID tag and information of the RFID tag to a computer interface.